

Electrical Licensing and Inspection

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INCANDESCENT UTILITY FIXTURES Engineered Products Company (EPCO) 15000 Series

Engineered Products Company manufactures a series of incandescent utility light fixtures that are Listed and Labeled by Underwriters Laboratories Inc.® and marked as being suitable for damp locations. The 15000 series of incandescent fixture incorporates a junction box and fixture base constructed of high impact compression molded phenolic material. A common application for this type of fixture is the corrosive environment associated with animal confinement buildings in agricultural areas. Such areas are frequently subjected to pressure washing.

Although phenolic material has distinct advantages over other polymeric materials for the construction of incandescent fixtures, phenolic material may be susceptible to weathering from the ultraviolet radiation associated with long term exposure to sunlight. For this reason, the subject incandescent fixture is not labeled as being suitable for wet locations. The wet location marking would infer that the fixture was acceptable for use in all wet locations including outdoor locations.

The subject incandescent fixture has passed the required water spray conditioning tests similar to other fixtures that are listed and labeled as being suitable for wet locations. The absence of a wet location label has to do with long-term exposure to ultraviolet light, not whether or not the fixture can withstand the effects of water spray testing.

Summary - The Engineered Products Company 15000 series incandescent light fixture that is listed and labeled as being suitable for damp locations may be acceptable for use in wet locations when installed indoors when not directly exposed to sunlight for extended periods of time.

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